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10 MODE 0: SPEED KEY 250,2: CLEAR
20 LET M$=""
30 LET K$=""
40 LET R$=""
50 DIM A(3): DIM B(2)
60 DIM S(4): DIM T(4)
70 REM *****
80 REM *
90 REM * SYMBOLES BARRÈS D'OPERATION *
100 REM * *
110 REM *****
120 SYMBOL AFTER 127
130 SYMBOL 128,0,255,255,0,0,0,0,0
140 SYMBOL 129,3,3,3,3,3,3,3,3
150 REM *****
160 REM *
170 REM * CHOIX DU NOMBRE DE CHIFFRES *
180 REM * DE L'OPERATION. *
190 REM * *
200 REM *****
210 PRINT "CHOISIS TON NIVEAU:": PRINT: PRINT
220 PRINT: PRINT
230 PRINT "NOMBRE DE CHIFFRES": PRINT
240 PRINT "DU DIVIDANDE.": PRINT
250 PRINT "(1,2 ou 3 chiffres.): PRINT
260 LET K$=INKEY$: IF K$="" THEN GOTO 260
270 LET M1=ASC(K$)-48: IF M1<>1 AND M1<>2 AN
D M1<>3 THEN GOTO 260
280 PRINT "DU DIVISEUR.": PRINT
290 PRINT "(1 ou 2 chiffres.)"
300 LET K$=INKEY$: IF K$="" THEN GOTO 300
310 LET M2=ASC(K$)-48: IF (M2<>1 AND M2<>2)
OR M2>M1 THEN GOTO 300
320 PRINT CHR$(7): CLS
330 REM *****
340 REM *
350 REM * TIRAGE ALEATOIRE *
360 REM * DES NOMBRES. *
370 REM * *
380 REM *****
390 FOR I=1 TO M1
400 LET X=INT(RND*9)+1
410 LET A(M1+1-I)=X
420 NEXT I

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430 FOR I=1 TO M2
440 LET X=INT(RND*9)+1
450 LET B(3-I)=X
460 NEXT I
470 CLS
480 PRINT "Je te propose:"
490 LOCATE 1,18: PRINT "A TOI DE JOUER:"
500 LOCATE 1,20: PRINT "INDIQUE LE CHIFFRE"
510 LOCATE 1,22: PRINT "QUI DOIT REMPLACER"
520 LOCATE 1,24: PRINT "L'ETOILE: "; PEN 14: P
RINT " *": PEN 1
530 GOSUB 780
540 LOCATE 1,18: PRINT "TRES BIEN. SI TU "
550 LOCATE 1,20: PRINT "VEUX EFFECTUER UNE "
560 LOCATE 1,22: PRINT "AUTRE DIVISION: "
570 LOCATE 1,24: PRINT "TAPES UNE TOUCHE. "
580 IF INKEY$="" THEN GOTO 580
590 PRINT CHR$(7): CLS
600 REM *****
610 REM *
620 REM * MODIFICATION DU NIVEAU *
630 REM * *
640 REM *****
650 LOCATE 1,18: PRINT "VEUX-TU MODIFIER"
660 LOCATE 1,20: PRINT "TON NIVEAU? "
670 LOCATE 1,22: PRINT "TAPES 'O' OU 'N'"
680 LET K$=UPPER$(INKEY$)
690 IF K$<>"O" AND K$<>"N" THEN GOTO 680
700 IF K$="O" THEN GOTO 10
710 FOR I=1 TO 4
720 LET S(I)=0: LET T(I)=0
730 IF I<4 THEN LET A(I)=0
740 IF I<3 THEN LET B(I)=0
750 NEXT I
760 GOTO 330
770 STOP
780 REM *****
790 REM *
800 REM * SOUS ROUTINE PRINCIPALE. *
810 REM * *
820 REM *****
830 LET CV=0: LET H=10: LET CH=0
840 REM *****
850 REM * *

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860 REM * AFFICHAGE DES NOMBRES *
870 REM * *
880 REM *****
890 FOR I=1 TO 3
900 LOCATE 8-M1+(I),5+CV: LET A$=CHR$(A(I)+
48)
910 IF A$<>"0" THEN PRINT A$
920 NEXT I
930 LOCATE 10,6:PRINT CHR$(128);CHR$(128)
940 FOR I=1 TO 2
950 LOCATE 7+M2+(I),5: LET B$=CHR$(B(I)+48)
960 IF B$<>"0" THEN PRINT B$
970 NEXT I
980 FOR I=0 TO 4
990 LOCATE 9,5+I:PRINT CHR$(129)
1000 NEXT I
1010 LET RT=0
1020 LET S(1)=0:LET T(1)=0
1030 LOCATE 10+CH,7:PEN 14:PRINT "*":PEN 1
1040 LET DV=10*B(1)+B(2)
1050 LET DD=A(1):LET H=9-M1
1060 IF DD>DV OR M1=1 THEN GOTO 1160
1070 LET DD=(10*A(1))+A(2):LET H=10-M1
1080 IF DD>DV OR M1=2 THEN GOTO 1160
1090 LET DD=(100*A(1))+(10*A(2))+A(3)
1100 LET H=8
1110 REM *****
1120 REM *
1130 REM * DETER. DE L'ENTIER A TROUVER *
1140 REM * *
1150 REM *****
1160 LET Y=INT(DD/DV)
1170 GOSUB 1630
1180 REM *****
1190 REM *
1200 REM * CONTROLE DU CHIFFRE PROPOSE *
1210 REM * POUR LE RESULTAT. *
1220 REM * *
1230 REM *****
1240 IF Y=X THEN LOCATE 1,1:PRINT "C'EST TR
ES BIEN.":GOTO 1270
1250 IF Y>X THEN LOCATE 1,1:PRINT "C'EST PA
S ASSEZ.":GOTO 1170
1260 IF Y<X THEN LOCATE 1,1:PRINT "C'EST TR
OP.....":GOTO 1170
1270 LOCATE 10+CH,7:PRINT CHR$(X+48)
1280 LET SD=2
1290 LET ST=H-8+M1:LET RT=0:LET RS=0
1300 LOCATE H,7+CV:PEN 14:PRINT "*":PEN 1
1310 LET XD=RS+(X*B(SD))
1320 IF XD>9 THEN LET RS=INT(XD/10):LET XD=
XD-(10*RS)
1330 LET YD=RT+A(ST)
1340 IF YD<XD THEN LET YD=YD+10:LET RT=1
1350 LET Y=YD-XD
1360 GOSUB 1630
1370 IF Y=X THEN LOCATE 1,1:PRINT "C'EST TR
ES BIEN.":GOTO 1380
1380 LET A(ST)=X
1390 LOCATE H,7+CV:PRINT CHR$(X+48)
1400 IF H=9-M1 THEN GOTO 1470
1410 LET H=H-1:GOTO 1290
1420 REM *****
1430 REM *
1440 REM * DETECTION FIN D'OPERATION *
1450 REM * *
1460 REM *****
1470 LET SD=1:LET J=0:LET XF=0
1480 FOR I=M1 TO 1 STEP-1
1490 LET XF=XF+(A(I)*(10^J))
1500 LET J=J+1
1510 NEXT I
1520 LET YF=(B(1)*10)+B(2)
1530 IF XF<YF THEN GOTO 1560
1540 LET CV=CV+2:LET CH=CH+1
1550 GOTO 890
1560 RETURN
1570 REM *****
1580 REM *
1590 REM * SOUS ROUTINE DE SAISIE *
1600 REM * DES TOUCHE FRAPPEES *
1610 REM * *
1620 REM *****
1630 LET K$=INKEY$:IF K$="" THEN GOTO 1630
1640 LET X=ASC(K$)-48
1650 PRINT CHR$(7)
1660 RETURN

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